115439

ork Order ID 115439 14 1:36:08 PM

Item ID:

Required Date: 4/15/14

D3507-1-BENT

Accept

N900040100

Setup Start

NS2

Revision ID:

Skidtube Assembly EC135

Item Name: Start Date:

4/01/14

Start Qty: 10.00 Req'd Qty: 10.00

10 *10* Cust Item ID:

Customer:

Reference:

Approvals:

Process Plan: ML5

Date: (4-04-0) Tooling:

Date:

Run

Date:

Stop

QC:

Operation

SPC (Y/N):

Reject Reject

Qty

14-4-1

Sequence ID/ Work Center ID

Description

Set Up/ **Run Hours** Tool ID

Tool # Plan Code Accept Qty

Number Stamp

Draw Nbr

Revision Nbr

Ď3507

Rev C

0.00

120 CNC Bend 1

BENDING MACHINE - SKIDTUBES

Memo

0.00

CNC Delta 100 Bender

I- Bend tube as per program D3507 on CNC Bender FOLIO 6 and Dwg D3507,

use DT9632 bending aide

Date:

2- Cut FWD END of tube as per dwg D3507

QC5- Inspect part completeness to step on W/O

0.00

OC!

Memo

0.00

Quality Control

Identify as per dwg & Stock Location: 46

0.00

Packaging

0.00

pc 14/04/01

Memo

DQA:			Date:			•							•	abla	
						WORK ORDER NON-	WORK ORDER NON-CONFORMANCE / UPDATE								
QA Closed:			Date:							W	ork Order up	date only			
Work Orde	er:					DISPOSITION	DISPOSITION			DE	PARTMENT	/PROCESS			
	Part No.				Rework Scrap Use-as-is		Skid-tube Crosstube Machining Small Fab moforming Finishing	Water Jet Prod. Eng. Coor. Rec/Store/Packaging			Engineering Quality Other				
NCR I	۱o. ِ			· -		Suspected Unapproved	Suspected Unapproved Large Fab Composite								
Root					Desc	ription of work order update	l	nitial	Action		Sign &		Т		
Cause		Date	Step	Qty		or non-conformance	Ch	ief Eng	Description		Date	Verification	۱	QC Inspector	
Design															
Doc/Data													1		
Equip/Tooling													1		
Handling/Pre													-		
Material													- 1		
Operator									•				- 1		
Offset/Setup															
Process													1		
Supplier													- 1		
Training Transport															
Unapproved													- 1		
- Порти		<u> </u>	1				FAI	ULT CA	TEGORY			L.	1	. 	
Landi	ng (Gear				General									
		Bending				Bend		Folio/F	Program	Г	Outside Dim	ensions [Pressure/Forced	
		Centre No	ot Concen	ntric		BOM/Route	\vdash	Grain	6	H	Over/Under	F-	_	Set-up	
		Cracks				Broken/Damage/Defect		Hardwa	are	\vdash	Part Incorred	F	_	Temperature/Cure	
		Crimp/Kir	nk/Ripple	/Wave		Burrs		1	ion Incomplete/Unqualified	\vdash	Part Lost/Mi	-		Weld	
		Cuffs				Contamination		1	tions Incomplete/Unclear	\vdash	Part Moved		$\boldsymbol{\dashv}$	Wrong Stock Pulled	
		Crushing				Countersink		4	gned/off center	-	Positioned V	Vrong			
		Heat Trea	at			Cut Too Short		Mislabe	=	\vdash	Power Loss/	·		Other	
	Г	Inspectio		Tube		Drawing		Misrea		_	-	, L			
		Marks/Ch	-			Drill Holes	Г	Off-set			· · · · · · · · · · · · · · · · · · ·				
		Turning S				Finish		4	Calibration						
		Wave/Tw	ist in Tub	е		Fit/Function		Out of Sequence							

Work Order ID 115439

115439

April-01-14 1:36:08 PM

Item ID:

D3507-1-BENT

Accept

N900040100

Setup Start

Stop *NS2*

Revision ID:

Start Date:

Item Name:

Required Date: 4/15/14

Skidtube Assembly EC135

4/01/14

Start Qty: 10.00

Req'd Qty: 10.00

10

10

Cust Item ID:

Customer:

Tool ID

Reference:

Approvals:

Process Plan:

Date:

Tooling:

QC:

Date:

SPC (Y/N):

Sequence ID/ Work Center ID Operation Description Set Up/ Run Hours

310

QC21- Final Inspection - Work Order Release

0.00

310

QC

Memo

0.00

Quality Control

Tool # Plan

Code

Date: Date:

Accept Qty

Run

Qty

Reject Reject

Start

Stop

Insp. Number Stamp

DQA:			Date:			_									
						WORK ORDER NON	AEROSPACE								
QA Closed:			Date:			<u></u>	Work Order update only								
Work Orde	er:					DISPOSITION				AGAINST D	EPARTMENT	/PROCESS			
	•					Rework			Skid-tube	Crosstube		Water Jet		Engineering	
Part N	No.					Scrap			Machining	Small Fab	Prod. Eng. Coor.			Quality	
						Use-as-is		Thern	noforming	Finishing	Rec/Sto	re/Packaging		Other	
NCR 1	No. ِ					Suspected Unapproved]		Large Fab	Composite	╛	Supplier			
Root					Desc	ription of work order update		nitial	Actio	on	Sign &				
Cause		Date	Step	Qty	_	or non-conformance	Ch	ief Eng	Descrip	otion	Date	Verification	۱	QC Inspector	
Design															
Doc/Data	Щ				•										
Equip/Tooling								•							
Handling/Pre															
Material	-														
Operator	Н	:											ł		
Offset/Setup	\dashv														
Process Supplier	Н														
Training													İ		
Transport	П														
Unapproved	П												-		
							FAI	ULT CA1	TEGORY	-		·!			
Landi	ng (Gear				General				 -					
		Bending				Bend		Folio/P	Program	Γ	Outside Din	nensions	Pr	essure/Forced	
		Centre Not Concentric				BOM/Route		Grain			Over/Unde	tolerance	Se	et-up	
		Cracks				Broken/Damage/Defect		Hardwa	are		Part Incorre	ci [Te	emperature/Cure	
		Crimp/Kink/Ripple/Wave				Burrs		Inspect	ion Incomplete/Und	qualified	Part Lost/M	issing	\square w	eld	
	-	Cuffs				Contamination	_	4	tions Incomplete/Ur	nclear	Part Moved	L	w	rong Stock Pulled	
	igsqcup	Crushing				Countersink	-	1	ned/off center	L	Positioned	· · · · ·			
	Heat Treat					Cut Too Short		Mislabe		L	Power Loss,	/Surge	01	ther	
	-	Inspectio		Tube	<u> </u>	Drawing	<u> </u>	Misread							
	L	Marks/Ch			<u> </u>	Drill Holes	<u> </u>	Off-set				· · · · · · · · · · · · · · · · · · ·			
	L	Turning S			<u> </u>	Finish	<u>_</u>	4	Calibration						
	Wave/Twist in Tube					Fit/Function	1	Out of Sequence							

Picklist Print

April-01-14 1:36:14 PM

Work Order ID: 115439

115439

D3507-1-BENT Parent Item:

D3507-1-RFNT

Parent Item Name: Skidtube Assembly EC135

Start Date: 4/01/14 Start Qty: 10.00

Required Date: 4/15/14

Required Qty: 10.00

Comments:

IPP rev A 10.09.17 new issue EC verified by:DD

Component Item ID/ Item Name

Replacement Mfg/ Item ID

Purch

Bin Primary Item Location Last Location Route Seq ID

Unit of Measure

Hand

Qty on

Qty per Kit Total Qty

Qty Issued Date Status Issued

D2962-150

Manufactured

No

100

Each

57.0000

**

D2962-150

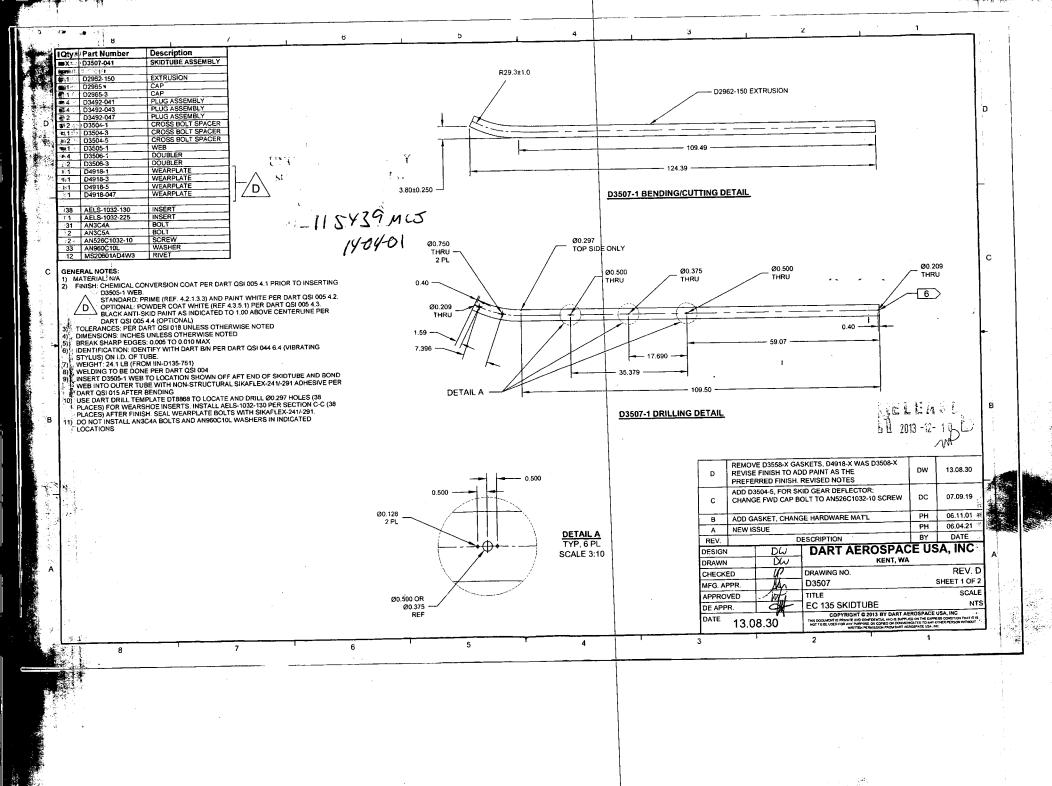
3.540 Outer Tube, Extrut

Location HALL

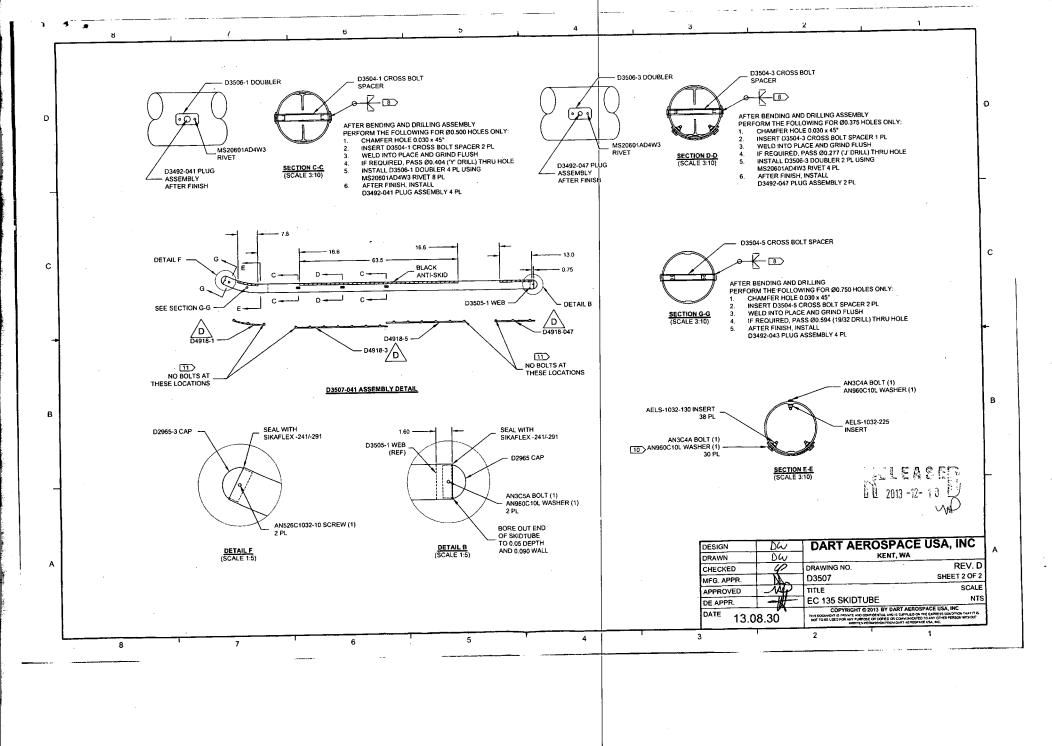
Loc Qty 57 57 Loc Code

10

DQA:			_ Date:											$\mathcal{L}_{\mathcal{D}}$ a distribution $\mathcal{L}_{\mathcal{D}}$
. *						WORK ORDER NON-CONFORMANCE / UPDATE								
QA Closed:			Date:							W	ork Order up	odate only		
Work Order:						DISPOSITION			AGAINST	DE	PARTMENT	/PROCESS		
						Rework			Skid-tube Crosstube		1	Water Jet		Engineering
Part N	No.					Scrap			Machining Small Fab	-	Pro	d. Eng. Coor.	\sqcap	Quality
			,			Use-as-is		Thern	noforming Finishing		Rec/Sto	re/Packaging		Other
NCR No.						Suspected Unapproved	Suspected Unapproved Large Fab Composite							
Root					Desc	ription of work order update		Initial	Action		Sign &		丁	
Cause		Date	Step	Qty		or non-conformance	Ch	nief Eng	Description		Date	Verification	n	QC Inspector
Design														
Doc/Data			,											
Equip/Tooling														
Handling/Pre														
Material														
Operator														
Offset/Setup														
Process	Ш	•												
Supplier	Щ													
Training	Ш	:		:										
Transport														
Unapproved														
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Landi		!				General		1 .		_	7	,	_	
	-	Bending			<u> </u>	Bend		1	Program	_	Outside Dim			Pressure/Forced
	Н	Centre Not Concentric				BOM/Route		Grain			Over/Under		-	Set-up
	ш	Cracks				Broken/Damage/Defect		Hardwa			Part Incorred			Temperature/Cure
	Crimp/Kink/Ripple/Wave				\vdash	Burrs		1	ion Incomplete/Unqualified	_	Part Lost/Mi	ssing	Ш	Weld
	Cuffs				<u> </u>	Contamination	_	4	tions Incomplete/Unclear	L	Part Moved			Wrong Stock Pulled
	-	Crushing			\vdash	Countersink	_	1	gned/off center	L	Positioned V	-		
	-	Heat Trea			<u> </u>	Cut Too Short	_	Mislabe			Power Loss/	Surge	\Box	Other
	-	Inspectio	•	Tube	\vdash	Drawing	-	Misread						
	\vdash	Marks/Cl			<u> </u>	Drill Holes	<u> </u>	Off-set						
	Ш	Turning S			<u> </u>	Finish	_	-4	Calibration					
Ī	Wave/Twist in Tube				1	Fit/Function	I	IOut of 9	Sequence					



DQA:		Date:														
QA Closed:		Date:			WORK ORDER NON-CONFORMANCE / UPDATE Work Order update only											
Q. (0.03cu.		Dute.				1										
Work Orde	er:				DISPOSITION				AGAINST D	DEPARTMENT	/PROCESS					
	-			_	Rework			Skid-tube	Crosstube	7	Water Jet	Engineering				
Part N	lo				Scrap			Machining	Small Fab	Pro	od. Eng. Coor.	Quality				
		· 			Use-as-is		Thern	noforming	Finishing	Rec/Sto	re/Packaging	Other				
NCR N	lo				Suspected Unapproved			Large Fab	Composite		Supplier					
Root				Desci	ription of work order update		Initial	Actio	on	Sign &						
Cause	Date	Step	Qty		or non-conformance	Ch	ief Eng	Descrip	otion	Date	Verification	QC Inspector				
Design																
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Supplier	_										1					
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Unapproved			į	<u> </u>		<u> </u>					<u> </u>					
	-1.			i		FA	ULT CA	TEGORY								
Landir	ng Gear			_	General		1		Г	–	Г	 1 . 1				
-	Bending			\vdash	Bend		•	Program	. -	Outside Dir	⊢	Pressure/Forced				
-	Centre N	ot Conce	ntric	<u> </u>	BOM/Route	<u> </u>	Grain		-	Over/Unde	-	Set-up				
	Cracks			-	Broken/Damage/Defect	<u> </u>	Hardwa		<u> </u>	Part Incorre	j- -	Temperature/Cure				
	Crimp/Kink/Ripple/Wave				Burrs	<u> </u>	1 '	ion Incomplete/Unq	· ⊢	Part Lost/M		Weld				
	Cuffs			<u> </u>	Countamination	┡	4	tions Incomplete/Ur	nciear	Part Moved	L	Wrong Stock Pulled				
	Crushing			\vdash	Countersink	\vdash	1 1	gned/off center	-	Positioned	· · · · · ·	¬				
	Heat Trea		Tuba	\vdash	Cut Too Short	\vdash	Mislabe		L	Power Loss	/Surge [Other				
	Inspectio	•	eauı	\vdash	Drawing Drill Holos	-	Misrea									
	Marks/Cl			\vdash	Drill Holes	-	Off-set				· · · · · · · · · · · · · · · · · · ·					
	Turning S	-		-	Finish	\vdash	4	Calibration			 					
	Wave/Tv	vist in Tul	be		Fit/Function	Out of Sequence										



DQA:		Date:													
QA Closed:		Date:			WORK ORDER NON-CONFORMANCE / UPDATE Work Order update only Work Order update only										
<u> </u>				· · · · · · · · · · · · · · · · · · ·	DISPOSITION		AGAINST DEPARTMENT/PROCESS								
Work Orde	er:				DIST 03111014			AGAIIGI	—	,	_				
Part No.					Rework · Scrap Use-as-is			Skid-tube Crosstube Machining Small Fab noforming Finishing		Water Jet Prod. Eng. Coor. Rec/Store/Packaging			Engineering Quality Other		
NCR N	lo				Suspected Unapproved		mem	Large Fab Composite	-	Nec/3tol	Other				
Root				Desci	ription of work order update	П	nitial	Action		Sign &		Т			
Cause	Date	Step	Qty		or non-conformance	Ch	ief Eng	Description		Date	Verification		QC Inspector		
Design Doc/Data															
Equip/Tooling	_				and section 1										
Handling/Pre										·					
Material				·	`										
Operator	_									;					
Offset/Setup					·										
Process		*•				1									
Supplier Training															
Transport					4			,		:					
Unapproved						Ì									
опарргочец			.l	.1		FΔI	UIT CAT	TEGORY		<u> </u>					
Landir	ng Gear		-		General		<u> </u>								
	Bendir	ng		7	Bend	Г]Folio/F	Program		Outside Dim	ensions [Пр	ressure/Forced		
	 -	Not Conce	entric		BOM/Route		Grain			Over/Under	 -	_	et-up		
	Cracks	- 			Broken/Damage/Defect		Hardwa	nre		Part Incorred	 	_	emperature/Cure		
	_	Kink/Rippl	e/Wave		Burrs		4	ion Incomplete/Unqualified	\vdash	Part Lost/Mi	—	_	Veld		
	Cuffs		•		Contamination		1	tions Incomplete/Unclear	\vdash	Part Moved			Vrong Stock Pulled		
	Crushing			<u> </u>	Countersink		-1	gned/off center		Positioned V	∟ /rong	_			
	Heat T	_			Cut Too Short		Mislabe			Power Loss/		\neg c	Other		
		tion Strip ir	n Tube		Drawing		Misread			· ·	~ L				
	Marks	/Chatter			Drill Holes **		Off-set								
	Turnin	g Sequence	2		Finish		4	Calibration			· ******				
	Wave	Twist in Tu	be		Fit/Function		Out of Sequence								